

Application Ser. No. 09/847,709
Preliminary Amendment for RCE

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This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-55. (Canceled).

Please add the following NEW CLAIMS:

56. (NEW) A method, executable in a computer, for restricting access to a script in a computer, comprising

storing a modified web page in a web server including a hypertext object having a reference to a decryption program and a reference to an encrypted script;

sending a first URL request to the web server for the modified web page by a web browser in a computer;

receiving the first URL request at the web server and fetching the modified web page for a first download to the web browser;

sending a second URL request to the web server initiated by the user for the decryption program;

receiving the second URL request at the web server and fetching the decryption program for a second download to the web browser;

retrieving the URL reference to the encrypted script in the modified web page by the web browser;

sending a third URL request to the web server initiated by a runtime environment for the encrypted script;

receiving the third URL request by the web server and fetching the encrypted script for a third download to the run-time environment; and

decrypting the encrypted script by the run-time environment to produce a script for transmittal to and execution by the web browser.

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57. (NEW) The method of claim 56 further comprising:

detecting in the first download by the web browser a URL reference in the modified web page to a decryption program.

58. (NEW) The method of claim 56 further comprising:

detecting in the second download by the web browser a URL reference to an encrypted script in the modified web page.

59. (NEW) The method of claim 56 further comprising:

invoking the decryption program with the reference to the encrypted script by the web browser for execution by the run-time environment.

60. (NEW) The method of claim 56 wherein the web browser is a multi-tasking browser.

61. (NEW) The method of claim 56 wherein the run-time environment is a multi-tasking run-time environment.

62. (NEW) The method of claim 60 further comprising:

launching concurrent tasks by the multi-tasking browser when the web page is loaded into the web browser.

63. (NEW) The method of claim 62 wherein the first concurrent task sends the second URL request to the web server for the decryption program.

64. (NEW) The method of claim 62 wherein the second concurrent task sends the third URL request to the web server for the encrypted script.

65. (NEW) The method of claim 61 wherein the multi-tasking runtime environment suspends to wait for the multi-tasking runtime environment to detect that the multi-tasking web browser has stored the encrypted script.

66. (NEW) The method of claim 60 wherein the multi-tasking browser triggers the multi-tasking run-time environment to synchronize the first and the second concurrent task by detecting the availability of the encrypted script.

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67. (NEW) A method, executable in a computer, that restricts access to a script in a computer, comprising the steps of:

receiving from a user a first request for a hypertext object including a reference to an encrypted script and a reference to a decryption program capable of decrypting the encrypted script;

transferring the hypertext object to the requester;

sending the decryption program pursuant to a second request from the user;

receiving a third request from a requester for the encrypted script;

transferring the encrypted script to the requester, wherein the request for the encrypted script is prompted by receipt of the hypertext object, and

wherein the request for the decryption program is prompted by receipt of the hypertext object.

68. (NEW) A system that restricts access to a script in a computer, comprising a web server configured to:

receive from a user a first request for a modified web page having a hypertext object including a reference to an encrypted script and a reference to a decryption program capable of decrypting the encrypted script;

transfer the hypertext object to a web browser in response to the first request;

send the decryption program pursuant to a second request from the user;

receive a third request from a requester for the encrypted script;

transfer the encrypted script to the requester, wherein the request for the encrypted script is prompted by receipt of the hypertext object, and

a web browser configured to:

send requests to the web server for a modified web page stored in the web server in response to user requests;

detect the presence of references in the modified web page for acquiring the subject matter of the references from the web server; and

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interact with a run-time environment for decryption of the encrypted script and execution of the script by the web browser.

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